WHAT IS CLAIMED IS:

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1. A method of applying photo-luminescent pigment to a substrate, said method including:

preparing a dry powder formulation comprising, at least, a photo-luminescent pigment and a carrier/fixer;

depositing the dry powder formulation onto a substrate surface; and

heating the dry powder formulation to fuse it to the substrate surface.

- 2. A method as claimed in [any preceding claim] Claim 1 wherein the substrate surface has one of a depression or channel [depressions or channels] adapted to receive the dry powder formulation.
- 3. A method as claimed in Claim 2 which further includes applying a light reflecting layer to the substrate surface before depositing the dry powder formulation.
- 4. A method as claimed in [any one of claims 1 to 3] <u>Claim</u>

 1 wherein the volume ratio of photo-luminescent pigment to

 carrier/fixer in the dry powder formulation is such that the

 fused material exhibits substantially the same strength and

 durability properties of the carrier/fixer while still exhibiting

 the photo-luminescent properties of the pigment.

- 5. A method as claimed in Claim 4 wherein the volume ratio is substantially in the range of 1% to 35% of photo-luminescent pigment to carrier/fixer.
- 6. A method as claimed in [any preceding claim] <u>Claim 1</u> wherein the dry powered formulation is heated to a temperature recommended by the manufacturer of the carrier/fixer until the formulation is molten.
- 7. A method as claimed in Claim 6 wherein the formulation is heated to substantially between 160 to 210 degrees centigrade.
- 8. A method as claimed in Claim 6 [or claim 7] wherein the formulation is heated for approximately 10 to 20 minutes.
- 9. A method as claimed in [any preceding claim] Claim 1 wherein after heating the formulation is cooled.
- 10. A method as claimed in [any preceding claim] Claim 1 wherein the carrier/fixer is a heat curable polymer.
- 11. A method as claimed in [any preceding claim] <u>Claim 1</u> wherein the dry powder formulation includes small quantities of additives[, such as a de-gassing additive,] to ensure a smooth surface finish.
- 12. A method as claimed in [any preceding claim] Claim 1 wherein the substrate is one of stamped, extruded [or] and milled [aluminum or] metal.

13. An apparatus for applying photo-luminescent pigment to a substrate having a surface, said apparatus including:

a hopper adapted to contain a dry powder formulation[;], said hopper having at least one [or more orifices] orifice adapted to allow transfer of the dry powder formulation from the hopper to a substrate surface; and

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a guide rail system for locating the substrate surface in both a fixed horizontal plane and a fixed vertical plane below the hopper and orifice; and a heat-curing system for providing enough heat to turn the dry powder formulation into a molten [mix] mixture.

- 14. An apparatus as claimed in Claim 13 which also includes a cooling system to cool the molten [mix] <u>mixture</u>.
- 15. An apparatus as claimed in [any one of claims 13 to 15]

 Claim 13 which [also] includes a drive system to move the substrate through the apparatus.
- 16. An apparatus as claimed in [any one of claims 13 to 15]

 Claim 13 which includes a support roller is mounted directly beneath [the] said orifice [orifice(s)] and said hopper to support the substrate.
- 17. An apparatus as claimed in [any one of claims 13 to 17]

 Claim 13 which includes an adjustable mounting bracket adapted to

enable the hopper to be located in the correct position so that [the orifice(s) lines up] said orifice aligns with the substrate.

- 18. An apparatus as claimed in [any one of claims 13 to 17] Claim 13 wherein said orifice is adapted to communicate snugly with the substrate surface such that the dry powder formulation is deposited substantially only where required.
- 19. An apparatus as claimed in [any one of claims 13 to 18]

 Claim 13 which includes a mechanism for tapping the hopper so
 that any [rat-holes] voids in the dry powder formulation are
 re-filled.

Please delete Claim 20 without prejudice.

- 21. An apparatus as claimed in [any one of claims 13 to 20]

 Claim 13 wherein the heat-curing system is an oven.
- 22. An apparatus as claimed in [any one of claims 13 to 21] <u>Claim 13</u> wherein the heat-curing system is a continuous oven process.
- 23. An apparatus as claimed in Claim [22] <u>21</u> wherein the oven includes infra-red heating elements.
- 24. An apparatus as claimed in [any one of claims 13 to 23]

 Claim 13 which includes an automatic loading means and automatic unloading means at each respective end of said quide rail system.

Please delete Claims 25 and 26 without prejudice.

- 27. A substrate bearing photo luminescent material when prepared using a method according to [any one of claims 1 to 12 and 25] Claim 1.
- 28. A substrate bearing photo luminescent material when prepared using an apparatus according to [any one of claims 13 to 24 and 26] Claim 13.
- 29. A step nosing[, or insert strip for a step nosing,] bearing photo luminescent material [when] prepared using a method according to [any one of claims 1 to 12 and 25] Claim 1.
- 30. A step nosing[, or insert strip for a step nosing,] bearing photo luminescent material [when] prepared using an apparatus according to [any one of claims 13 to 24 and 26] Claim 13.
- 31. A handrail[, or insert strip for a handrail,] bearing photo luminescent material [when] prepared using a method according to [any one of claim 1 to 12 and 25] Claim 1.
- 32. A handrail[, or insert strip for a handrail,] bearing photo luminescent material [when] prepared using an apparatus according to [any one of claims 13 to 24 and 26] Claim 13.